

Ms. Elizabeth Arwine, 301-619-7808

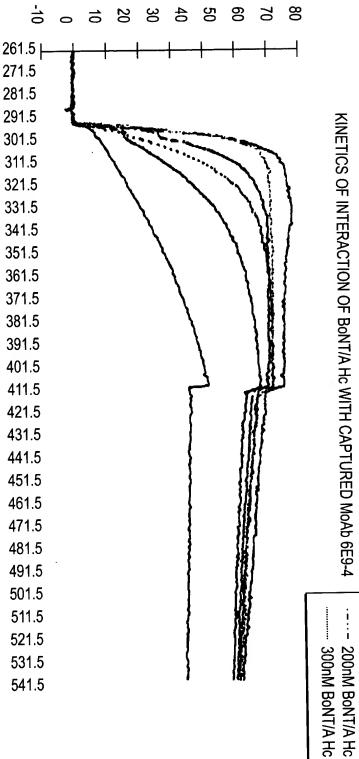
Serial No. 09/465,276 filed 12/16/1999
"Antibodies Against Type A Botulinum Neurotoxin"
Inventors: Sina Bavari, et al.
Docket No. 003/175/SAP



FIG. 3A

TIME (S)

541.5



RESPONSE (RU)

Inventors: Sina Bavari, et al. Docket No. 003/175/SAP Ms. Elizabeth Arwine, 301-619-7808 "Antibodies Against Type A Botulinum Neurotoxin"

Serial No. 09/465,276 filed 12/16/1999

- - - 30nM BoNT/A Hc 10nM BoNT/A Hc

...... 60nM BoNT/A Hc --- 100nM BoNT/A Hc



KINETICS OF INTERACTION OF BoNT/A Hc WITH CAPTURED MoAb 6B2-2

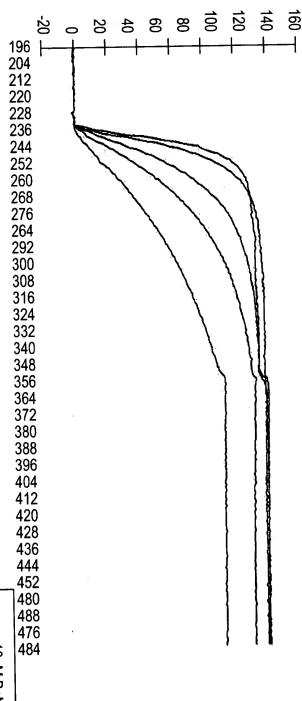
Inventors: Sina Bavari, et al.

Docket No. 003/175/SAP

Ms. Elizabeth Arwine, 301-619-7808

"Antibodies Against Type A Botulinum Neurotoxin"

Serial No. 09/465,276 filed 12/16/1999



RESPONSE (RU)

IG. 3B

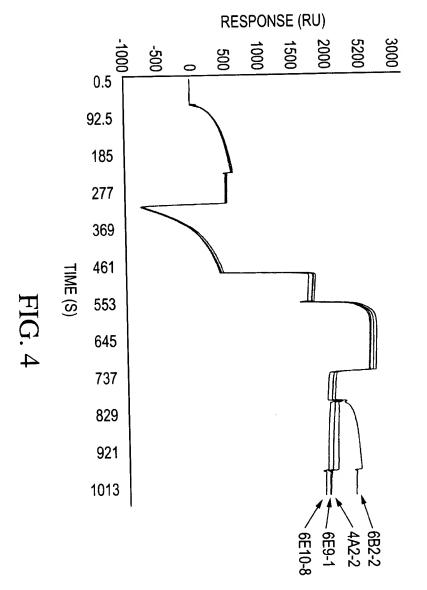
TIME (S)

---- 10nM BoNT/A Hc --- 30nM BoNT/A Hc ----- 60nM BoNT/A Hc ----- 100nM BoNT/A Hc

200nM BoNT/A Hc

300nM BoNT/A Hc



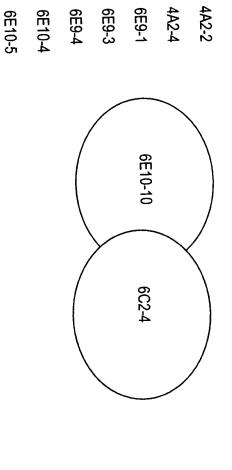


EPITOPE MAPPING: 4A2-2



EPITOPE MAP OF BoNT/A mAbs

Serial No. 09/465,276 filed 12/16/1999
"Antibodies Against Type A Botulinum Neurotoxin" Inventors: Sina Bavari, et al.
Docket No. 003/175/SAP
Ms. Elizabeth Arwine, 301-619-7808



6B2-2

FIG. 5

6E10-8



12

Serial No. 09/465,276 filed 12/16/1999
"Antibodies Against Type A Botulinum Neurotoxin" Inventors: Sina Bavari, et al. Docket No. 003/175/SAP Ms. Elizabeth Arwine, 301-619-7808

1G. 6



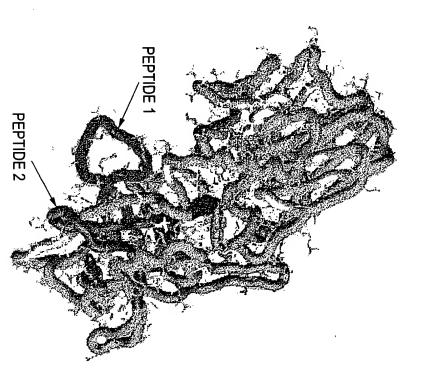


FIG. 7A

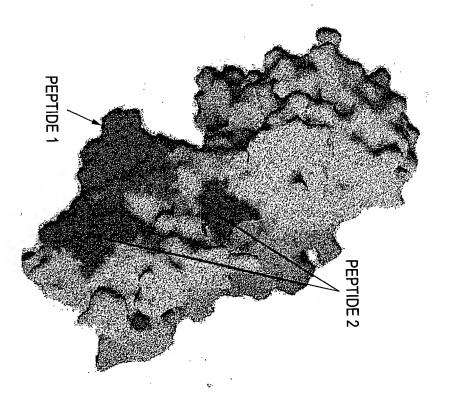


FIG. 7B



Serial No. 09/465,276 filed 12/16/1999
"Antibodies Against Type A Botulinum Neurotoxin"
Inventors: Sina Bavari, et al. Docket No. 003/175/SAP

Ms. Elizabeth Arwine, 301-619-7808

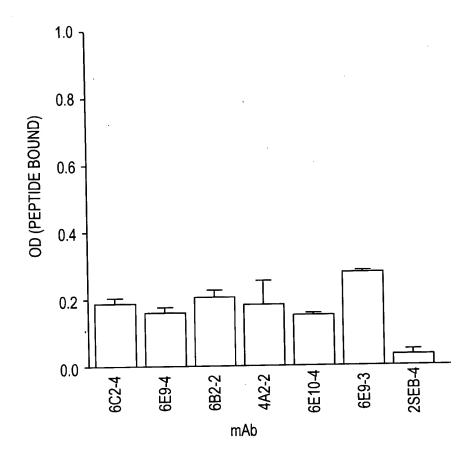


FIG. 8A



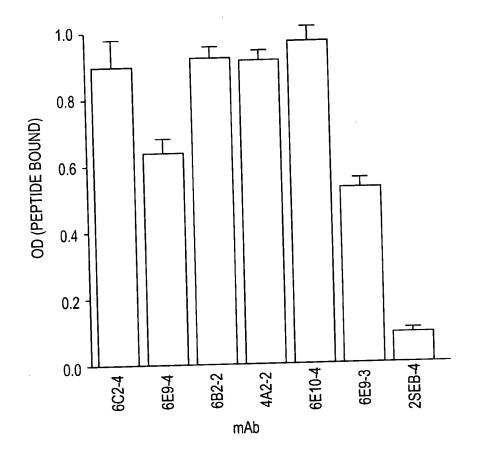


FIG. 8B



Serial No. 09/465,276 filed 12/16/1999
"Antibodies Against Type A Botulinum Neurotoxin"
Inventors: Sina Bavari, et al.

Docket No. 003/175/SAP

Ms. Elizabeth Arwine, 301-619-7808

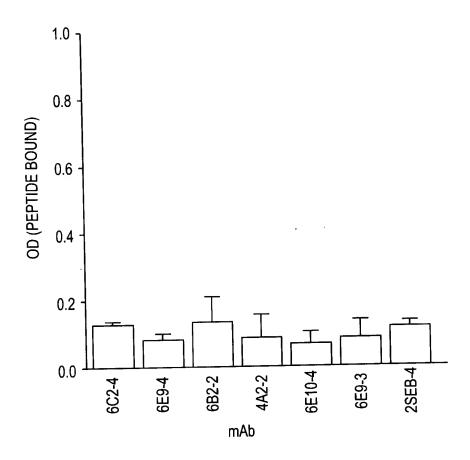


FIG. 8C



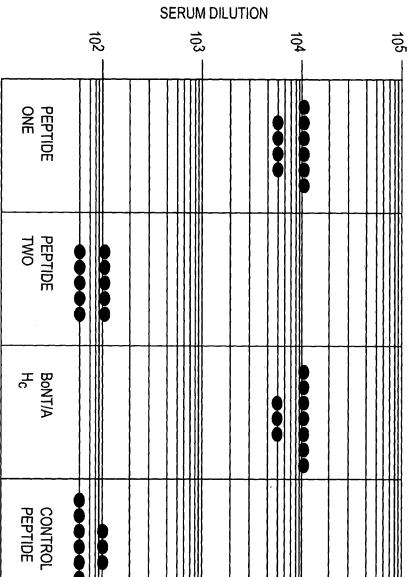


FIG. 9A



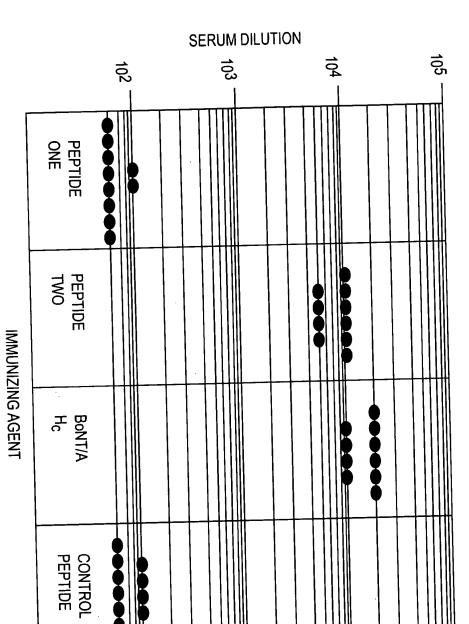


FIG. 9B



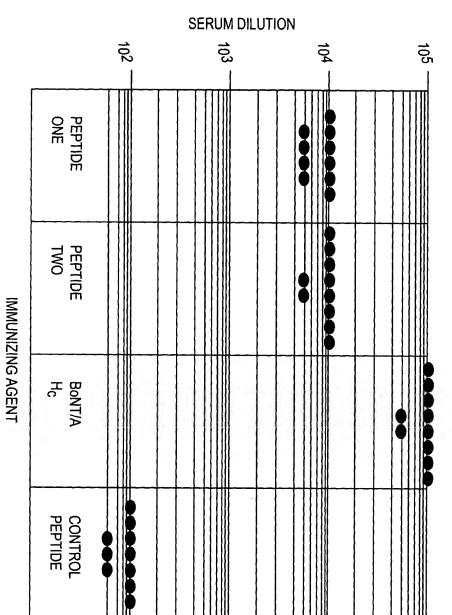


FIG. 9C



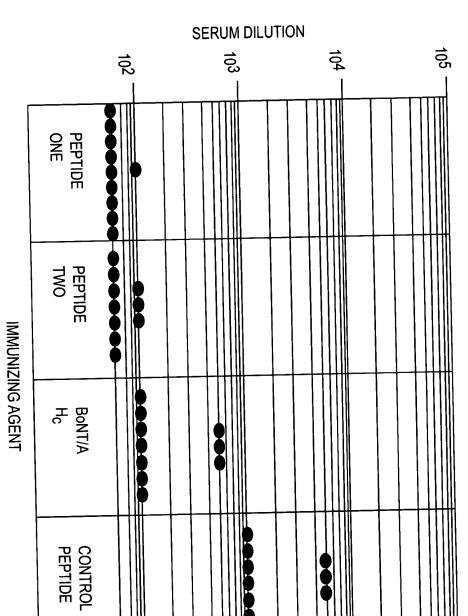


FIG. 9D